

TRANSLATION

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P37000P0-555	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. PCT/JP2005/006290	International filing date (<i>day/month/year</i>) 31.03.2005	Priority date (<i>day/month/year</i>) 02.04.2004
International Patent Classification (IPC) or national classification and IPC G06F21/22, G06F9/44, G06F21/24, H04L9/14		
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of <u>2</u> sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>																										
<p>4. This report contains indications relating to the following items:</p> <table><tr><td><input checked="" type="checkbox"/></td><td>Box No. I</td><td>Basis of the report</td></tr><tr><td><input type="checkbox"/></td><td>Box No. II</td><td>Priority</td></tr><tr><td><input type="checkbox"/></td><td>Box No. III</td><td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td></tr><tr><td><input type="checkbox"/></td><td>Box No. IV</td><td>Lack of unity of invention</td></tr><tr><td><input checked="" type="checkbox"/></td><td>Box No. V</td><td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td></tr><tr><td><input type="checkbox"/></td><td>Box No. VI</td><td>Certain documents cited</td></tr><tr><td><input type="checkbox"/></td><td>Box No. VII</td><td>Certain defects in the international application</td></tr><tr><td><input type="checkbox"/></td><td>Box No. VIII</td><td>Certain observations on the international application</td></tr></table>			<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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Date of submission of the demand		Date of completion of this report																								
Name and mailing address of the IPEA/JP		Authorized officer																								
Facsimile No.		Telephone No.																								

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/006290

Box No. I

Basis of the report

1. With regard to the
- language**
- , this report is based on:

- ☒ the international application in the language in which it was filed
- ☐ the translation of the international application into _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3(a) and 23.1(b))
- ☐ publication of the international application (Rule 12.4(a))
- ☐ international preliminary examination (Rule 55.2(a) and/or 55.3(a))

2. With regard to the
- elements**
- of the international application, this report is based on (
- replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*
-):

- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-22 as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. 2-5 as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1 received by this Authority on 01.02.2006
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets fig. 1-11 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

- 3.
- ☒
- The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☒ the claims, nos. 6
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

- 4.
- ☐
- This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/006290

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement															
1. Statement	<table><tbody><tr><td rowspan="2">Novelty (N)</td><td>Claims <u>1-5</u></td><td>YES</td></tr><tr><td>Claims _____</td><td>NO</td></tr><tr><td rowspan="2">Inventive step (IS)</td><td>Claims <u>1-5</u></td><td>YES</td></tr><tr><td>Claims _____</td><td>NO</td></tr><tr><td rowspan="2">Industrial applicability (IA)</td><td>Claims <u>1-5</u></td><td>YES</td></tr><tr><td>Claims _____</td><td>NO</td></tr></tbody></table>	Novelty (N)	Claims <u>1-5</u>	YES	Claims _____	NO	Inventive step (IS)	Claims <u>1-5</u>	YES	Claims _____	NO	Industrial applicability (IA)	Claims <u>1-5</u>	YES	Claims _____	NO
Novelty (N)	Claims <u>1-5</u>		YES													
	Claims _____	NO														
Inventive step (IS)	Claims <u>1-5</u>	YES														
	Claims _____	NO														
Industrial applicability (IA)	Claims <u>1-5</u>	YES														
	Claims _____	NO														
2. Citations and explanations (Rule 70.7)	<p>Document 1: JP 2001-350664 A (Nippon Telegraph And Telephone Corp.), 21 December 2001, entire text, all drawings (Family: none)</p> <p>Document 2: JP 2003-345664 A (Nissan Motor Co., Ltd.), 05 December 2003, claims (Family: none)</p> <p>Document 3: JP 02-155034 A (Toshiba Corp.), 14 June 1990, entire text, all drawings (Family: none)</p> <p>Document 4: JP 2002-366437 A (Sharp Corp.), 20 December 2002, claim 6 & US 2002/184495 A1</p> <p>Document 5: WO 2002/003208 A2 (INTEL CORP.), 10 January 2002, entire text, all drawings & JP 2004-523015 A & EP 1314091 A</p> <p>Document 6: JP 2003-290989 A (Toshiba Corp.), 03 October 2003, entire text, all drawings & US 2003/182571 A1 & EP 1347384 A2</p> <p>Document 7: Java TM Cryptography Extension (JCE) Reference Guide for the Java TM 2 SDK, Standard Edition, v. 1.4. [online], Sun Microsystems Inc., 10 January 2002, [retrieved on 24 June 2005], retrieved from the Internet: <URL: http://Java.sun.com/j2se/1.4.2/docs/guide/security/jce/JCERefGuide.html></p>															

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

Claims 1 to 5 are novel and involve an inventive step in relation to documents 1 to 7, which are cited in the international search report.

In particular, the technique for determining whether or not it is necessary to encrypt the data that is manipulated by a method based on the confidentiality information associated with the class that includes said method is not disclosed in any of documents 1 to 7.

Furthermore, it cannot be said to be easy for a person skilled in the art to conceive of the feature in question in the light of the disclosures in documents 1 to 7.